MATHEMATICS OF THE USSR–SBORNIK

МАТЕМАТИЧЕСКИЙ СБОРНИК

Tom 103 (145), Nos. 1–4, 1977

Volume 32, Nos. 1–4 May–August, 1977 Pages 1–551

INDEX OF AUTHORS

Berdyšev, V. I. *Stability of a minimization problem under perturbation of the set of admissible elements* 401

Bernik, V. I. *Induced extremal surfaces* 413

Bolibruh, A. A. *Pfaffian systems of Fuchs type on a complex analytic manifold* 98

Dolženko, E. P. *On the dependence of the boundary properties of an analytic function on the rapidity of its approximation by rational functions* 116

Efimov, B. A. *Mappings and imbeddings of dyadic spaces* 45

Gabov, S. A. *The angular potential and some of its applications* 423

Golubeva, V. A. *A meromorphic section of a complex analytic vector bundle over complex projective space* 437

Grušin, V. V. and Šananin, N. A. *Some theorems on the singularities of solutions of differential equations with weighted principal symbols* 32

Hruslov, E. Ja. *The first boundary value problem in domains with a complicated boundary for higher order equations* 535

Il'in, A. M. *A boundary value problem for the second order elliptic equation in a domain with a narrow slit. 2. Domain with a small cavity* 227

Kalinin, V. L. *Eisenstein series on the symplectic group* 449

Kanevskiĭ, D. S. *The structure of groups connected with automorphisms of cubic surfaces* 252

Kiričenko, V. V. See Zavadskiĭ, A. G. and Kiričenko, V. V.

Krasičkov-Ternovskiĭ, I. F. *Estimates for the subharmonic difference of subharmonic functions. II* 59

Makanin, G. S. *The problem of solvability of equations in a free semigroup* 129

Marčenkov, S. S. *On recursively enumerable minimal btt-degrees* 477

Medvedev, Ju. A. *Local finiteness of periodic subloops of an alternative PI-ring* 265

Noskov, G. A. *Algebraic groups with regular automorphism groups* 305

Oskolkov, K. I. *Approximation properties of summable functions on sets of full measure* 489

Pavlov, A. L. *On general boundary value problems for differential equations with constant coefficients in a half-space* 313

Pavlov, Ju. L. *Limit theorems for the number of trees of a given size in a random forest* 335

Petrušev, P. P. See Popov V. A. and Petrušev, P. P.

Petruško, I. M. *On the boundary values of solutions of parabolic equations* 347

Popov, V. A. and Petrušev, P. P. *The exact order of the best approximation to convex functions by rational functions* 245

Rahmanov, E. A. *On the asymptotics of the ratio of orthogonal polynomials* 199

Rozanov, Ju. A. *On the theory of homogeneous random fields* 1

MATHEMATICS OF THE USSR–SBORNIK

МАТЕМАТИЧЕСКИЙ СБОРНИК

Tom 103 (145), Nos. 1–4, 1977

Volume 32, Nos. 1–4 May–August, 1977 Pages 1–551

INDEX OF AUTHORS

Berdyšev, V. I. *Stability of a minimization problem under perturbation of the set of admissible elements* 401

Bernik, V. I. *Induced extremal surfaces* 413

Bolibruh, A. A. *Pfaffian systems of Fuchs type on a complex analytic manifold* 98

Dolženko, E. P. *On the dependence of the boundary properties of an analytic function on the rapidity of its approximation by rational functions* 116

Efimov, B. A. *Mappings and imbeddings of dyadic spaces* 45

Gabov, S. A. *The angular potential and some of its applications* 423

Golubeva, V. A. *A meromorphic section of a complex analytic vector bundle over complex projective space* 437

Grušin, V. V. and Šananin, N. A. *Some theorems on the singularities of solutions of differential equations with weighted principal symbols* 32

Hruslov, E. Ja. *The first boundary value problem in domains with a complicated boundary for higher order equations* 535

Il'in, A. M. *A boundary value problem for the second order elliptic equation in a domain with a narrow slit. 2. Domain with a small cavity* 227

Kalinin, V. L. *Eisenstein series on the symplectic group* 449

Kanevskiĭ, D. S. *The structure of groups connected with automorphisms of cubic surfaces* 252

Kiričenko, V. V. See Zavadskiĭ, A. G. and Kiričenko, V. V.

Krasičkov-Ternovskiĭ, I. F. *Estimates for the subharmonic difference of subharmonic functions. II* 59

Makanin, G. S. *The problem of solvability of equations in a free semigroup* 129

Marčenkov, S. S. *On recursively enumerable minimal btt-degrees* 477

Medvedev, Ju. A. *Local finiteness of periodic subloops of an alternative PI-ring* 265

Noskov, G. A. *Algebraic groups with regular automorphism groups* 305

Oskolkov, K. I. *Approximation properties of summable functions on sets of full measure* 489

Pavlov, A. L. *On general boundary value problems for differential equations with constant coefficients in a half-space* 313

Pavlov, Ju. L. *Limit theorems for the number of trees of a given size in a random forest* 335

Petrušev, P. P. See Popov V. A. and Petrušev, P. P.

Petruško, I. M. *On the boundary values of solutions of parabolic equations* 347

Popov, V. A. and Petrušev, P. P. *The exact order of the best approximation to convex functions by rational functions* 245

Rahmanov, E. A. *On the asymptotics of the ratio of orthogonal polynomials* 199

Rozanov, Ju. A. *On the theory of homogeneous random fields* 1

Rozanov, Ju. A. *Markov random fields and stochastic partial differential equations*..... 515
Šananin, N. A. See Grušin, V. V. and Šananin, N. A.
Satimov, N. *On the theory of differential games of escape*..... 371
Tjurikov, E. V. *Boundary value problems in the theory of infinitesimal bendings of surfaces of positive curvature with piecewise smooth boundary*..... 385
Vatutin, V. A. *Limit theorems for critical Markov branching processes with several types of particles and infinite second moments*..... 215
Vjačeslavov, N. S. *On the least deviations of the function sign x and its primitives from the rational functions in the L_p-metrics, $0 < p \leqslant \infty$*..... 19
Zaharov, V. K. *The divisible hull and orthocompletion of lattice ordered modules*..... 293
Zavadskiĭ, A. G. and Kiričenko, V. V. *Semimaximal rings of finite type*..... 273
Znoĭko, D. V. *The automorphism groups of regular trees*..... 109